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- (54) Title: **COATING FOR BIOMEDICAL DEVICES**

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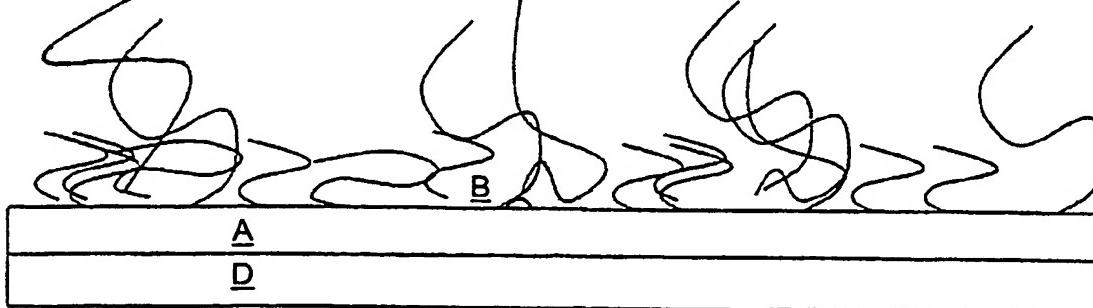
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(57) **Abstract:** A coating formulation for a substrate having abstractable hydrogen radicals is disclosed. The formulation includes a hydrophilic polymeric component comprising at least two polymeric species of differing molecular weights, an unsaturated hydrophilic monomer capable of free-radical polymerisation in the presence of a radical and a UV activatable compound capable of abstracting hydrogen radicals from the surface to be coated and from a polymeric species of the hydrophilic polymeric component so as to initiate and promote the cross-linkage of the monomer to the surface and of the monomer or a propagating monomer chain to a polymeric species of the polymeric component, and a suitable solvent to give the formulation a desired viscosity.

INTERNATIONAL SEARCH REPORT

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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, COMPENDEX, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 005 287 A (RITTER HELMUT) 9 April 1991 (1991-04-09) column 2, line 36 – column 3, line 12 column 3, line 58 – column 4, line 14 examples claims	1-14
A	US 4 373 009 A (WINN R ALASTAIR) 8 February 1983 (1983-02-08) column 4, line 38 – line 47 examples claims	1-14
A	WO 98/58988 A (COLOPLAST AS ; MADSEN NIELS JOERGEN (DK)) 30 December 1998 (1998-12-30) examples 7,8 claims	1-14
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Patent family members are listed in annex.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 00/30696 A (COLOPLAST AS ; MADSEN NIELS JOERGEN (DK)) 2 June 2000 (2000-06-02) page 6, line 23 – page 7, line 4 claims -----	1-14

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Information on patent family members

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